

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000447

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E02D29/02 E04C1/39

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E02D E04C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 368 410 A (FERRAILOLO ET AL) 29 November 1994 (1994-11-29)	1-16, 18-38
Y	figures 1,5,10 column 2, lines 37-64 column 3, line 56 - column 4, line 26 column 5, lines 14-61	17
Y	US 2 121 173 A (MACPHERSON WILLIAM MATHEW) 21 June 1938 (1938-06-21) page 3, column 2, lines 17-24; figure 7	17
A	US 5 472 297 A (HESELDEN ET AL) 5 December 1995 (1995-12-05) figures 7,11	6,7, 10-12, 18-23,27
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

27 April 2005

Date of mailing of the international search report

03/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Vratsanou, V

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/000447

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 466 726 B (HESCO BASTION LIMITED) 8 November 1995 (1995-11-08) cited in the application figures 2,3	6,7, 10-12, 18-23,27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000447

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5368410	A	29-11-1994	AU 657042 B2	23-02-1995
			BR 9301061 A	29-11-1994
			CA 2091396 A1	11-09-1994
			EP 0621377 A1	26-10-1994
			ZA 9301766 A	29-09-1993
			AU 3405693 A	22-09-1994
			AT 170581 T	15-09-1998
			DE 69320787 D1	08-10-1998
US 2121173	A	21-06-1938	NONE	
US 5472297	A	05-12-1995	AT 130065 T	15-11-1995
			AU 641150 B2	16-09-1993
			AU 5335090 A	05-11-1990
			CA 2056454 A1	08-10-1990
			DE 69023493 D1	14-12-1995
			DE 69023493 T2	18-04-1996
			DK 466726 T3	11-12-1995
			EP 0466726 A1	22-01-1992
			EP 0620326 A1	19-10-1994
			EP 0647739 A1	12-04-1995
			ES 2078965 T3	01-01-1996
			WO 9012160 A1	18-10-1990
			IN 180060 A1	10-01-1998
			JP 5503329 T	03-06-1993
			JP 3091481 B2	25-09-2000
			NO 913881 A	25-11-1991
			OA 10076 A	18-12-1996
			RU 2073085 C1	10-02-1997
			US 5333970 A	02-08-1994
			ZA 9002588 A	30-01-1991
			EG 19197 A	30-10-1994
EP 0466726	B	22-01-1992	CA 2056454 A1	08-10-1990
			DE 69023493 D1	14-12-1995
			DE 69023493 T2	18-04-1996
			EP 0466726 A1	22-01-1992
			JP 3091481 B2	25-09-2000
			NO 913881 A	25-11-1991
			RU 2073085 C1	10-02-1997
			US 5333970 A	02-08-1994
			AT 130065 T	15-11-1995
			AU 641150 B2	16-09-1993
			AU 5335090 A	05-11-1990
			DK 466726 T3	11-12-1995
			EG 19197 A	30-10-1994
			EP 0620326 A1	19-10-1994
			EP 0647739 A1	12-04-1995
			ES 2078965 T3	01-01-1996
			WO 9012160 A1	18-10-1990
			IN 180060 A1	10-01-1998
			JP 5503329 T	03-06-1993
			OA 10076 A	18-12-1996
			US 5472297 A	05-12-1995
			ZA 9002588 A	30-01-1991